

Please type a plus sign (+) inside this box → ☒

PTO/SB/05 (12/97)  
Approved for use through 09/30/00. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

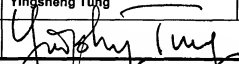
<b>UTILITY PATENT APPLICATION TRANSMITTAL</b>  <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>	Attorney Docket No.	TI-30102.1
	First Name Inventor or Application Identifier	Lee D. Whetel
	Title	Quad State Logic Design Methods, Circuits, and Systems
	Express Mail Label No.	EV333321743US

<b>APPLICATION ELEMENTS</b> See MPEP Chapter 600 concerning utility patent application contents		<b>ADDRESS TO:</b> Assistant Commissioner for Patents Box Patent Application Washington, DC 20231	
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original, and a duplicate for fee processing)</i>	6. <input type="checkbox"/> Microfiche Computer Program (Appendix)	17950 U.S. PTO 10/619920 07/14/03	
2. <input checked="" type="checkbox"/> Specification <i>(preferred arrangement set forth below)</i> [Total Pages <b>68</b> ]	7. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i>		
- Descriptive title of the invention	a. <input type="checkbox"/> Computer Readable Copy		
- Cross References to Related Applications	b. <input type="checkbox"/> Paper Copy (identical to computer copy)		
- Statement Regarding Fed sponsored R&D	c. <input type="checkbox"/> Statement verifying identical of above copies		
- Reference to Microfiche Appendix			
- Background of the Invention			
- Brief Summary of the Invention			
- Brief Description of the Drawings (if filed)			
- Detailed Description			
- Claim(s)		<b>ACCOMPANYING APPLICATION PARTS</b>	
- Abstract of the Disclosure			
3. <input checked="" type="checkbox"/> Drawing(s) (35 USC §113) [Total Sheets <b>24</b> ]	8. <input type="checkbox"/> Assignment Papers (cover sheet & Documents(s))		
4. Oath or Declaration [Total Pages <b>01</b> ]	9. <input type="checkbox"/> 37 CFR §1.73(b) Statement <i>(when there is an assignee)</i> <input checked="" type="checkbox"/> Power of Attorney		
a. <input checked="" type="checkbox"/> Newly Executed (original or copy)	10. <input type="checkbox"/> English Translation Document <i>(if applicable)</i>		
b. <input type="checkbox"/> Copy from a prior application (37 CFR §1.63(d)) <i>(for continuation/divisional with Box 17 completed)</i>	11. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations		
[Note Box 5 below]	12. <input checked="" type="checkbox"/> Preliminary Amendment		
i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR §1.63(d)(2) and 1.33(b).	13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i>		
5. <input type="checkbox"/> Incorporation By Reference <i>(useable if Box 4b is checked)</i> The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.	14. <input type="checkbox"/> Small Entity Statement(s) <input type="checkbox"/> Statement filed in prior application <i>(PTO/SB/09-12)</i> Status still proper and desired		
	15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>if foreign priority is claimed</i>		
	16. <input type="checkbox"/> Other:		

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP) of prior application No: **09/767,318**  
Prior application information: Group / Art Unit:

<b>18. CORRESPONDENCE ADDRESS</b>			
<input checked="" type="checkbox"/> Customer Number or Bar Code Label <b>23494</b> <i>(Insert Customer No. or Attach bar code label here)</i>		<input type="checkbox"/> Correspondence address below	
NAME			
ADDRESS			
CITY	STATE	TX	ZIP CODE
COUNTRY	U.S.A.	TELEPHONE	FAX
		(972) 917-5355	(972) 917-4418

Name (Print/Type)	Yingsheng Tung	Registration No. (Attorney/Agent)	52,305
Signature			Date
			July 14, 2003

Barcode Bar Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

**FEE TRANSMITTAL**

Patent fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

Complete If Known

Application Number	TBD
Filing Date	Herewith
First Named Inventor	L. D. Whetsel
Examiner Name	TBD
Group / Art Unit	TBD
Attorney Docket No.	TI-30102.1

TOTAL AMOUNT OF PAYMENT (\$750.00)

**METHOD OF PAYMENT**

- 1.
- ☒
- The Commissioner is hereby authorized to charge to the following Deposit Account,

Deposit Account Number

20-0668

Deposit Account Name

Texas Instruments Incorporated

- ☒
- Charge any additional fee required or credit any overpayment

- ☒
- Charge all indicated fees and any additional fee required or credit any overpayment

- 2.
- ☐
- Payment Enclosed:

☐ Check ☐ Money Order ☐ Other
**FEE CALCULATION****1. BASIC FILING FEE**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	760	201	395	Utility filing fee	\$750
106	330	206	165	Design filing fee	\$
107	540	207	270	Plant filing fee	\$
108	790	208	395	Reissue filing fee	\$
114	150	214	75	Provisional filing fee	\$

SUBTOTAL (1) (\$750)

**2. EXTRA CLAIM FEES**

	Total Claims	Extra Claims	Fee from below	Fee Paid
	3	-20** = 0	\$18	\$0
Independent Claims	3	-3** = 0	\$84	\$0
Multiple Dependent			\$260	\$0

\*\*or number previously paid, if greater; For Reissue, see below

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	11	Claims in excess of 20
102	78	202	41	Independent Claims in excess of 3
104	270	204	135	Multiple dependent claims in excess of 3
109	82	209	41	**Reissue independent claims over original patent
110	22	210	11	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$0

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	380	216	200	Extension of time within second month	
117	870	217	475	Extension of time within third month	
118	1,380	218	755	Extension of time within fourth month	
128	1,850	228	1,030	Extension of time within fifth month	
119	300	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,320	241	660	Petition to revive - unintentional	
142	1,320	242	660	Utility issue fee (or reissue)	
143	450	243	225	Design issue fee	
144	670	244	335	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Stmt.	
581	40	581	40	Recording each patent assignment per property (time number of properties)	
146	790	246	395	Filing a submission after final rejection (37 CFR 1.129(e))	
149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))	

Other fee (specify)

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) \$

**SUBMITTED BY**

Typed or Printed Name

Yingsheng Tung

Signature

Yingsheng Tung

Date

7-14-2003

Complete (if applicable)

Reg. Number 52,305

Deposit Account User ID